# HIKVISION

2nd Gen Indoor Station Firmware V2.1.52_build220720 Release Note (2022-08-02)

| Device Model	DS-KH8350-WTE1、DS-KH8350-TE1、DS-KH6320-WTE1、DS-KH6320-WTE2、DS-KH6320-WTE2(B)、DS-KH6320-TE1、DS-KH8520-WTE1
Firmware Version	V2.1.52_build220720
iVMS-4200 Version	Latest version
Hik-Connect APP	Latest version

Add

1. Supports static IP address configuration of Wi-Fi (DHCP, IP address, subnet mask, gateway, DNS1, DNS2).
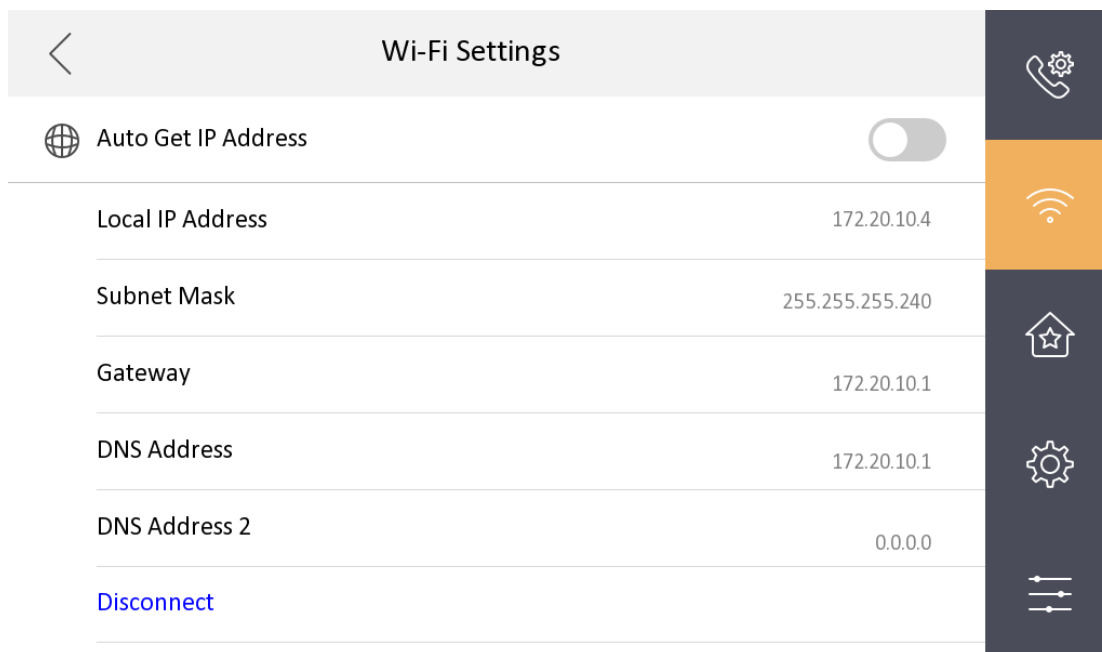
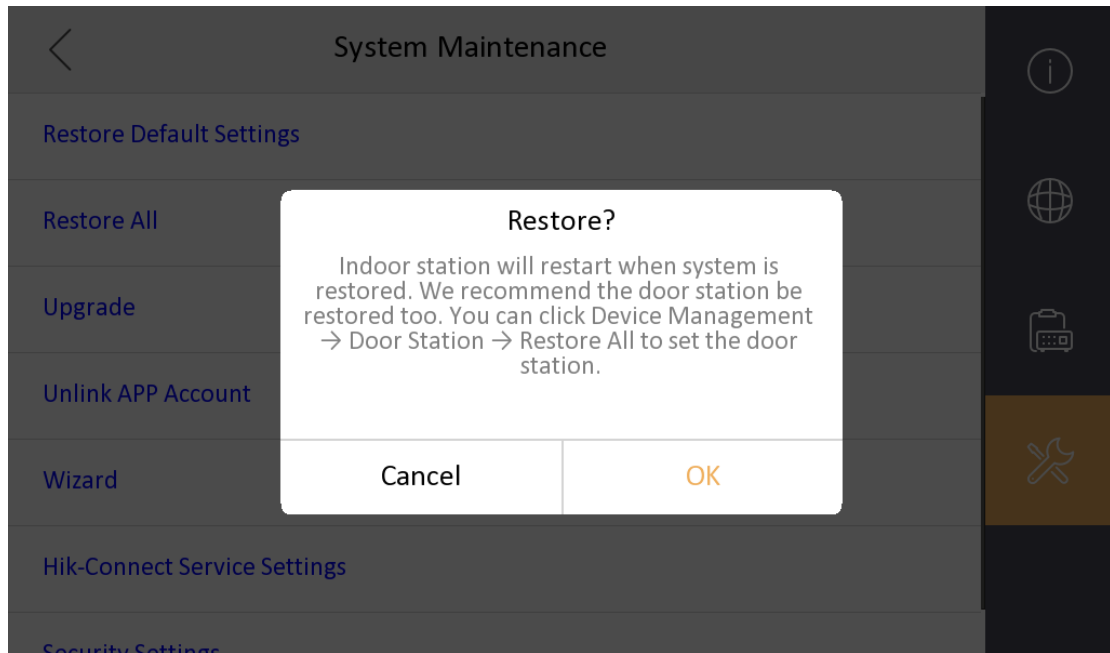2. Supports configuring time and time zone for the door station.
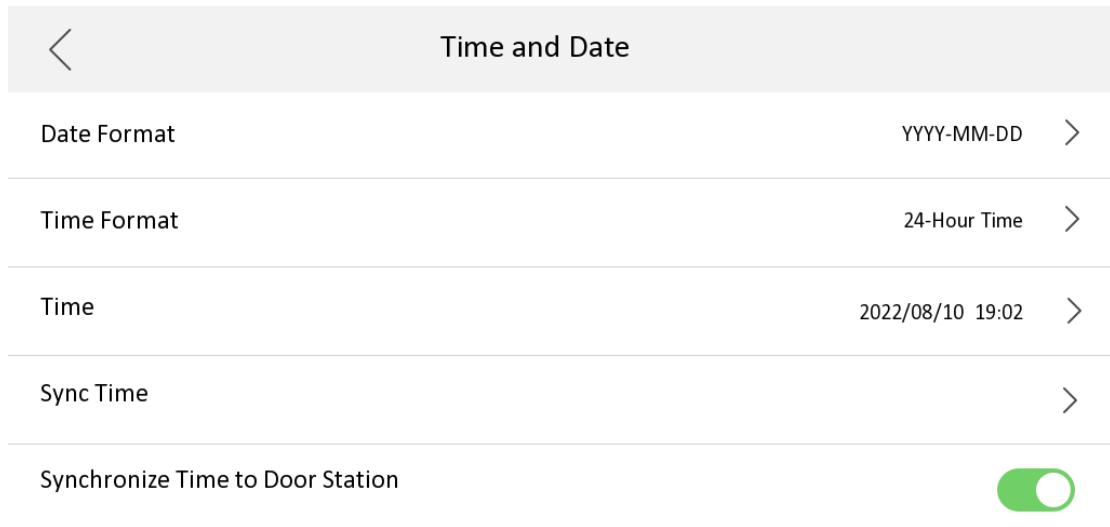
3. Supports C-S registration mode of indoor station and master station.

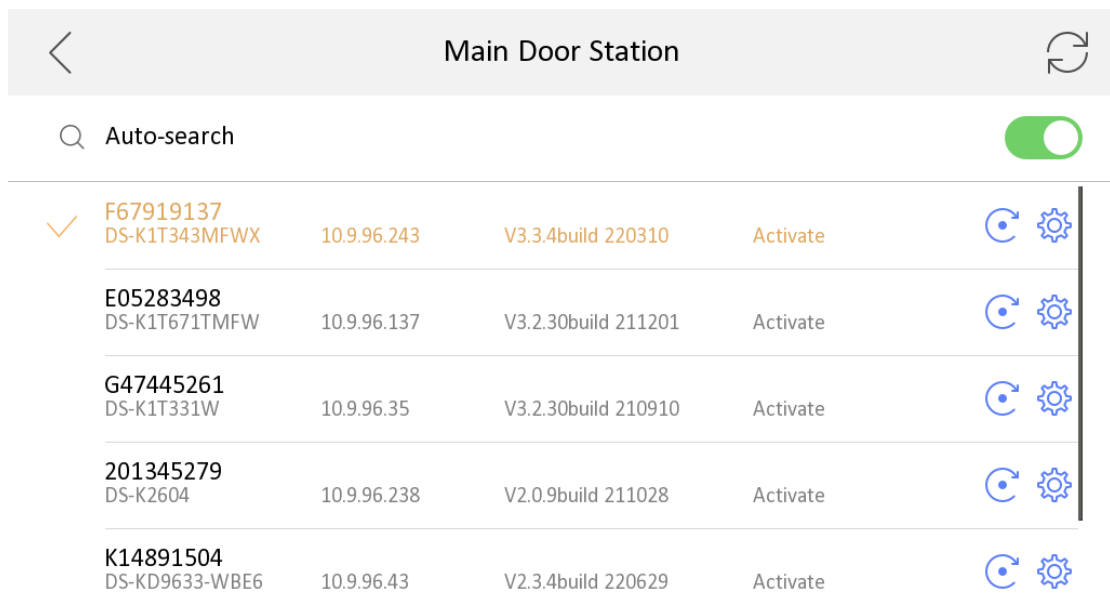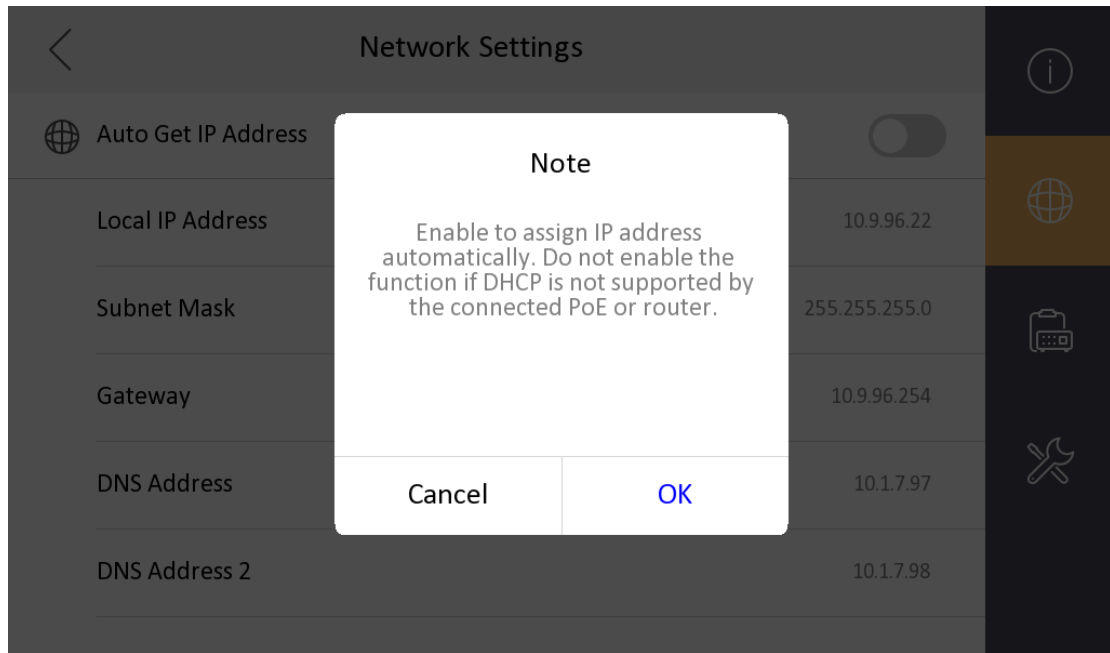4. Supports two new languages (standard Portuguese and Slovak).
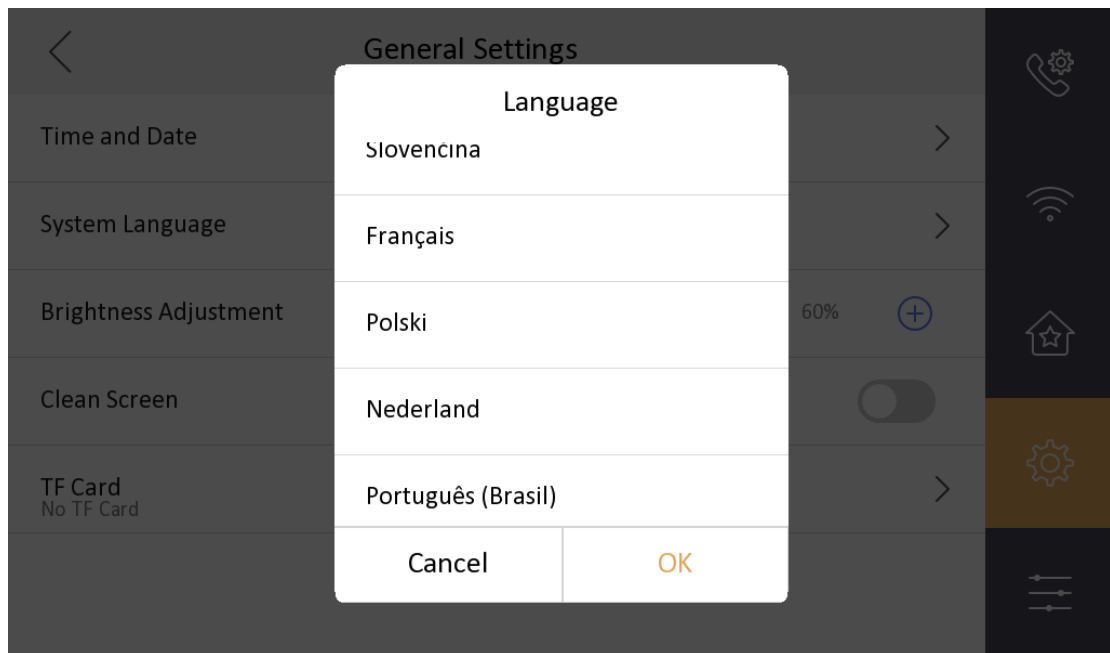
Fix

1. Optimizes the maintenance interface with a pop-up window when clicking **Restore** or **Restore All**.
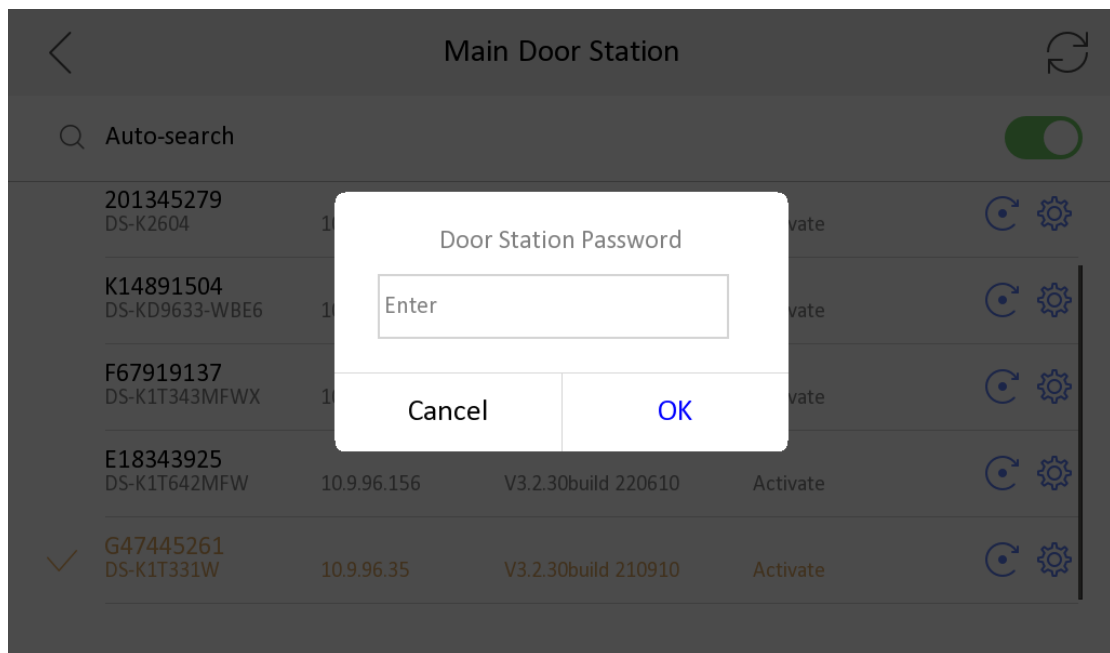
2. Adds the effect of selected door station when relating devices in wizard.

3. Adds a prompt when assigning network IP address automatically.

Network Settings

Auto Get IP Address		
Local IP Address		10.9.96.22
Subnet Mask		255.255.255.0
Gateway		10.9.96.254
DNS Address		10.1.7.97
DNS Address 2		10.1.7.98

Note

Enable to assign IP address automatically. Do not enable the function if DHCP is not supported by the connected PoE or router.

Cancel   OK

4. In configure wizard to related door station, when the door station password is different from the indoor station, prompt information will pop.

Main Door Station

Auto-search

201345279 DS-K2604	1	vate	
K14891504 DS-KD9633-WBE6	1	vate	
F67919137 DS-K1T343MFWX	1	vate	
E18343925 DS-K1T642MFW	10.9.96.156	V3.2.30build 220610	Activate
G47445261 DS-K1T331W	10.9.96.35	V3.2.30build 210910	Activate

Door Station Password

Enter

Cancel   OK

2nd Gen Indoor Station Firmware V2.1.46_build220607 Release Note (2022-06-20)

Device Model	DS-KH8350-WTE1、DS-KH8350-TE1、DS-KH6320-WTE1、DS-KH6320-WTE2、DS-KH6320-WTE2(B)、DS-KH6320-TE1、DS-KH8520-WTE1
Firmware Version	V2.1.40_build220607
iVMS-4200 Version	Latest version
Hik-Connect APP	Latest version

Fix

1. Repair the defects left by system testing;

2. Fix the vulnerability defect of userid product;

3. Fix the defect that the abnormal processing of the database encryption and decryption interface will cause the interface to jam;

4. Repair the call defect of incompatible third-party door-to-door machine;

2nd Gen Indoor Station Firmware V2.1.40_build220428 Release Note (2022-05-13)

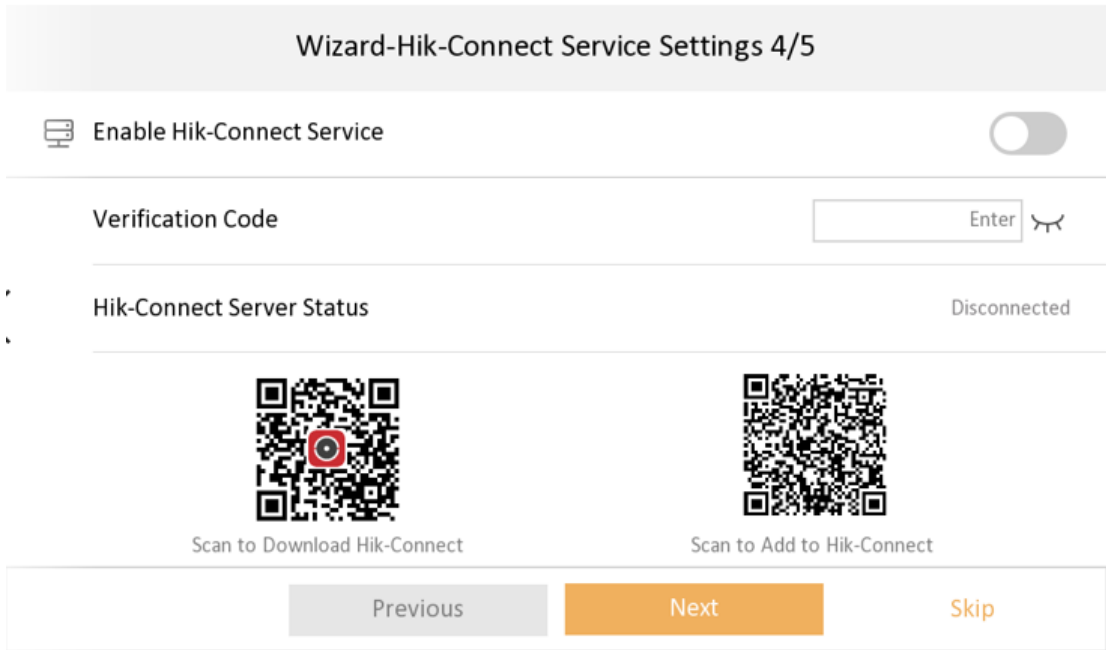| Device Model	DS-KH8350-WTE1、DS-KH8350-TE1、DS-KH6320-WTE1、DS-KH6320-WTE2、DS-KH6320-WTE2(B)、DS-KH6320-TE1、DS-KH8520-WTE1
Firmware Version	V2.1.40_build220512
iVMS-4200 Version	Latest version
Hik-Connect APP	Latest version

Fix

1. Optimize registration password settings in Wizard.

![HIKVISION]

Wizard-Indoor Station Settings 3/5

⌨ Device Type	Indoor Station >

Floor No.	1

Room No.
> The password might be required when linking indoor stations to door stations or main stations.

⚠ Registration Password   Not configured. >
☐ Be consistent with the activation password.

Indoor Extension Settings   ⬤

Previous	Next	Skip

Wizard-Indoor Station Settings 3/5

⌨ Device Type	Indoor Station >

Floor No.	1

Room No.	1

⚠ Registration Password   Not configured. >
☑ Be consistent with the activation password.
When enabled, the people who has the registration password will have the device admin permissions.

Indoor Extension Settings   ⬤

Previous	Next	Skip

2. Optimize Hik-Connect password configuration page.

3. Support stream transmission mode settings, you can select Unit Broadcast or Group Broadcast.
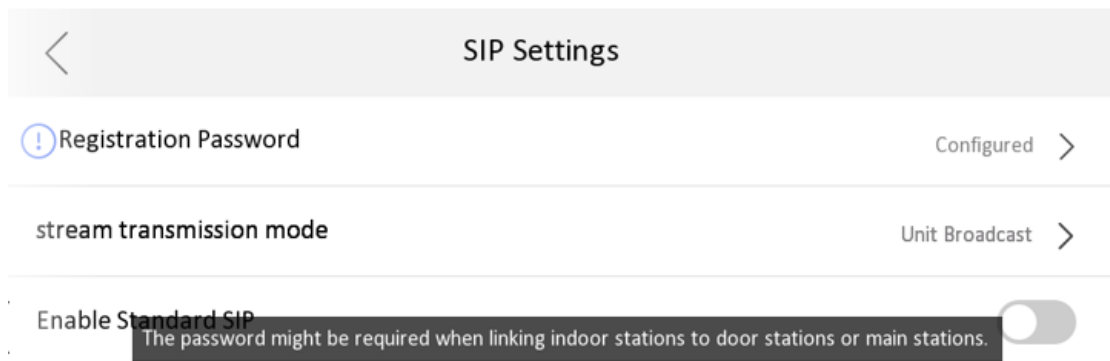
4. Fixed some known bugs.

2nd Gen Indoor Station Firmware V2.1.34_build211118 Release Note (2021-11-22)

Device Model	DS-KH8350-WTE1、DS-KH8350-TE1、DS-KH6320-WTE1、DS-KH6320-WTE2、DS-KH6320-WTE2(B)、DS-KH6320-TE1、DS-KH8520-WTE1
Firmware Version	V2.1.34_build211118
iVMS-4200 Version	Latest version
Hik-Connect APP	Latest version

Fix

5. Fixed some bugs.

2nd Gen Indoor Station Firmware V2.1.32_build210926 Release Note (2021-09-30)

Device Model	DS-KH8350-WTE1、DS-KH8350-TE1、DS-KH6320-WTE1、DS-KH6320-WTE2、DS-KH6320-WTE2(B)、DS-KH6320-TE1、DS-KH8520-WTE1
Firmware Version	V2.1.32_build210926
iVMS-4200 Version	Latest version
Hik-Connect APP	Latest version

Fix

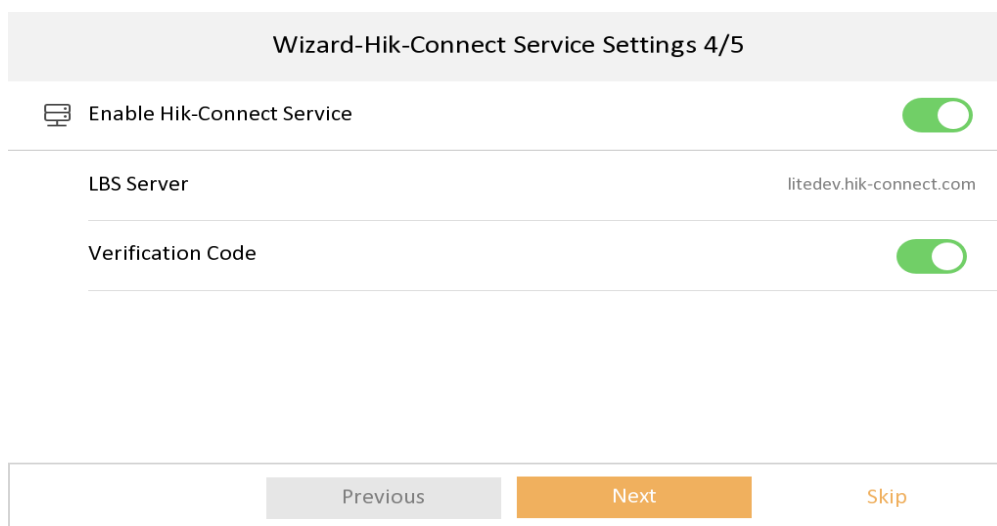1. Solve production line related problems.

2nd Gen Indoor Station Firmware V2.1.26_210803 Release Note (2021-08-19)

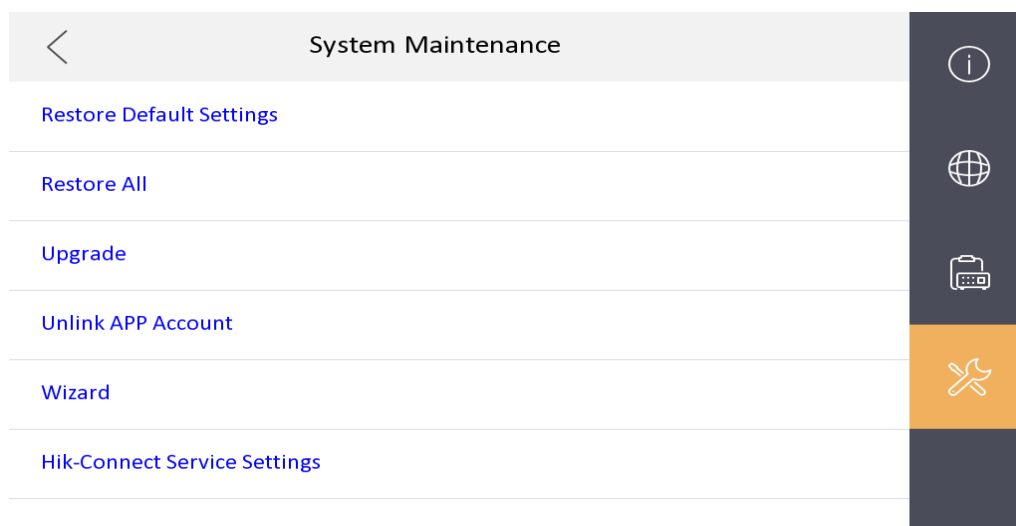| Device Model	DS-KH8350-WTE1、DS-KH8350-TE1、DS-KH6320-WTE1、DS-

	KH6320-WTE2、DS-KH6320-WTE2(B)、DS-KH6320-TE1、DS-KH8520-WTE1
Firmware Version	V2.1.26_210803
iVMS-4200 Version	Latest version
Hik-Connect APP	4.13.1 or above

<u>Modify</u>

1. Verification code is empty by default.

2. Hik-Connect Service Settings is changed to the place of Settings→ Advanced Settings→ Configuration→ System Maintenance.
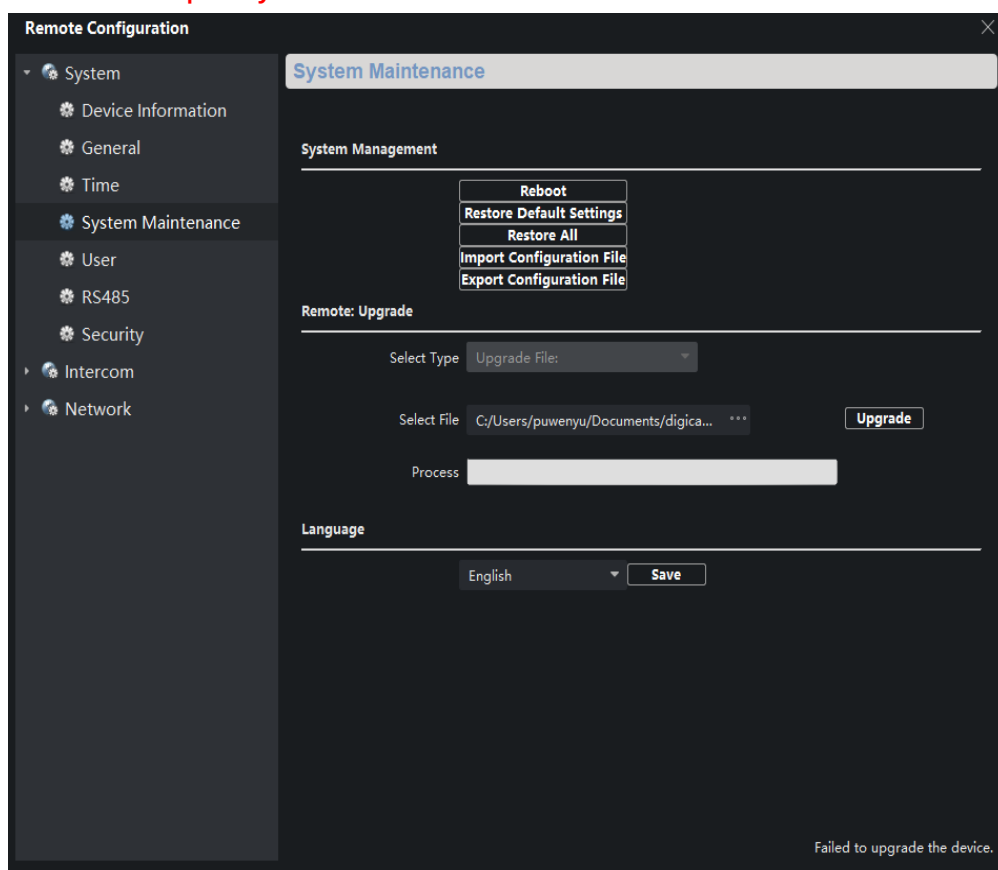

3. Fixed some bugs.

2nd Gen Indoor Station Firmware V2.1.24_210617 Release Note (2021-06-22)

![HIKVISION]

Device Model	DS-KH8350-WTE1、DS-KH8350-TE1、DS-KH6320-WTE1、DS-KH6320-WTE2、DS-KH6320-WTE2(B)、DS-KH6320-TE1、DS-KH8520-WTE1
Firmware Version	V2.1.24_210617
iVMS-4200 Version	Latest version
Hik-Connect APP	4.13.1 or above

<u>Modify</u>

1、 **Since V2.1.24 build 210617, remote degradation of devices is not supported in all subsequent versions.** When degradation occurs, it will prompt Failed to upgrade the device and the device will restart.

Notice: Although the device can be degraded by serial port, the device will fail to start and cannot change the version by using serial port again, which means that the device will be completely unusable.

2、Fixed some bugs

3、The firmware is compatible with materials which are switched due to supply shortage.

2nd Gen Indoor Station Firmware
# V2.1.20_210420 Release Note
(2021-04-30)

![HIKVISION]

Device Model	DS-KH8350-WTE1、DS-KH8350-TE1、DS-KH6320-WTE1、DS-KH6320-WTE2、DS-KH6320-WTE2(B)、DS-KH6320-TE1、DS-KH8520-WTE1
Firmware Version	V2.1.24_210617
iVMS-4200 Version	Latest version
Hik-Connect APP	4.13.1 or above

NOTE

Registration password will correspond to the serial number to prevent other devices from invading the system

New Function

1. Local interface support to modify the password through email authentication
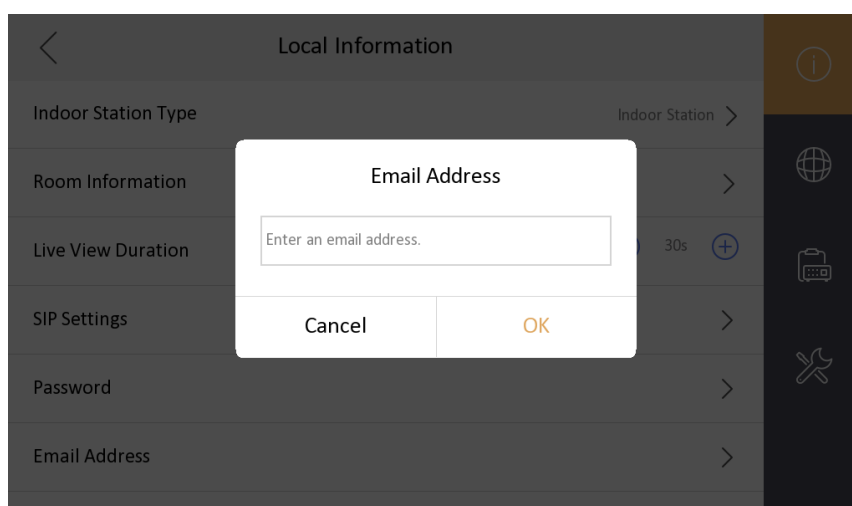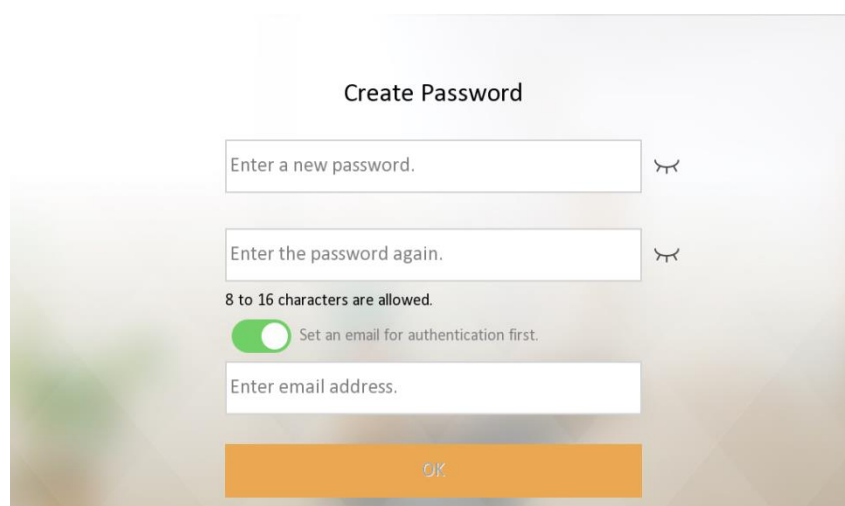
2. Support Hik-Connect configuration, closed by default

Wizard-Hik-Connect Service Settings 4/5

Enable Hik-Connect Service

LBS Server   litedev.hik-connect.com

Verification Code

| Previous | Next | Skip |

3. Newly added multi-language Croatian, Dutch, Romanian, Czech, Bulgarian, Croatian, Serbian
4. Add IPC interface, when Open Network Video Intercom protocol is selected, add plaintext ciphertext switch menu item configuration

Add Device

Protocol Settings   Open Network Video Interface 〉

Device Name   Enter the device name.

IP Address   Enter the IP address.

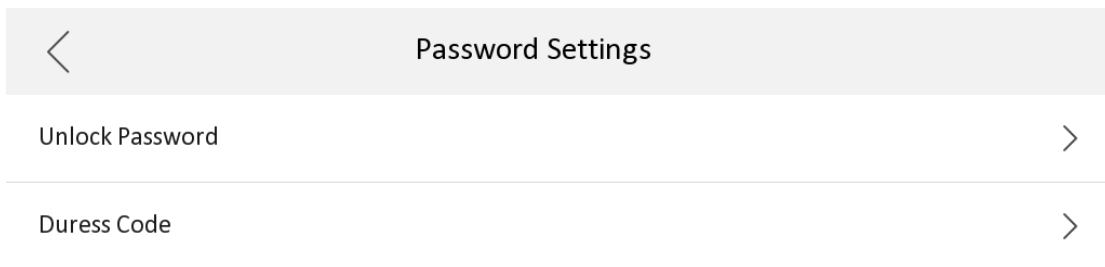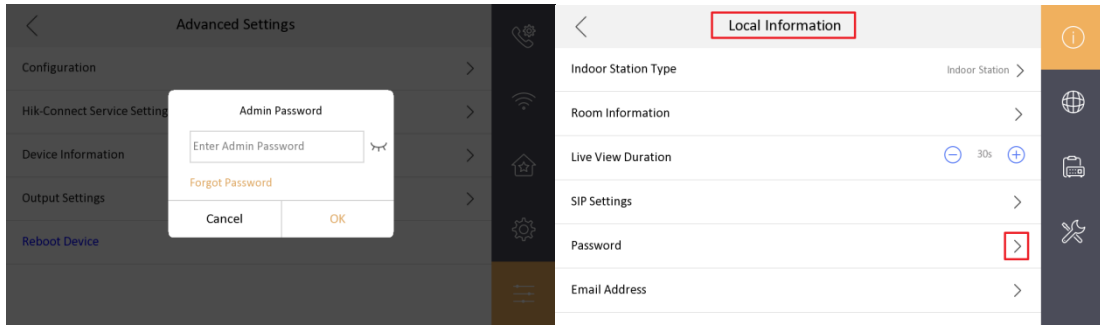User Name   Enter the user name.

Password   Enter the password. 👁

Modify

1. Change the position of unlock password and duress code, to enter the password page requires an admin (activation) password.


2. When changing the unlock password and duress code, the old password is not required as a credential.
3. The name of the local private SIP password configuration Sip Password is uniformly changed to Registration Password
4. The changed name of the door station(KD8003 modular door station, KV(-B), KB8113) will be displayed on the call interface or live view interface of the indoor station
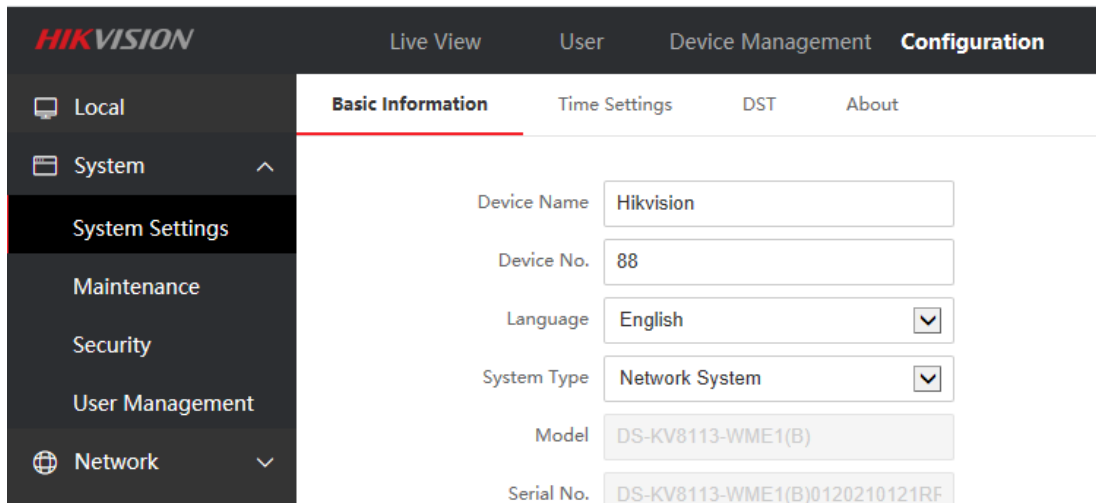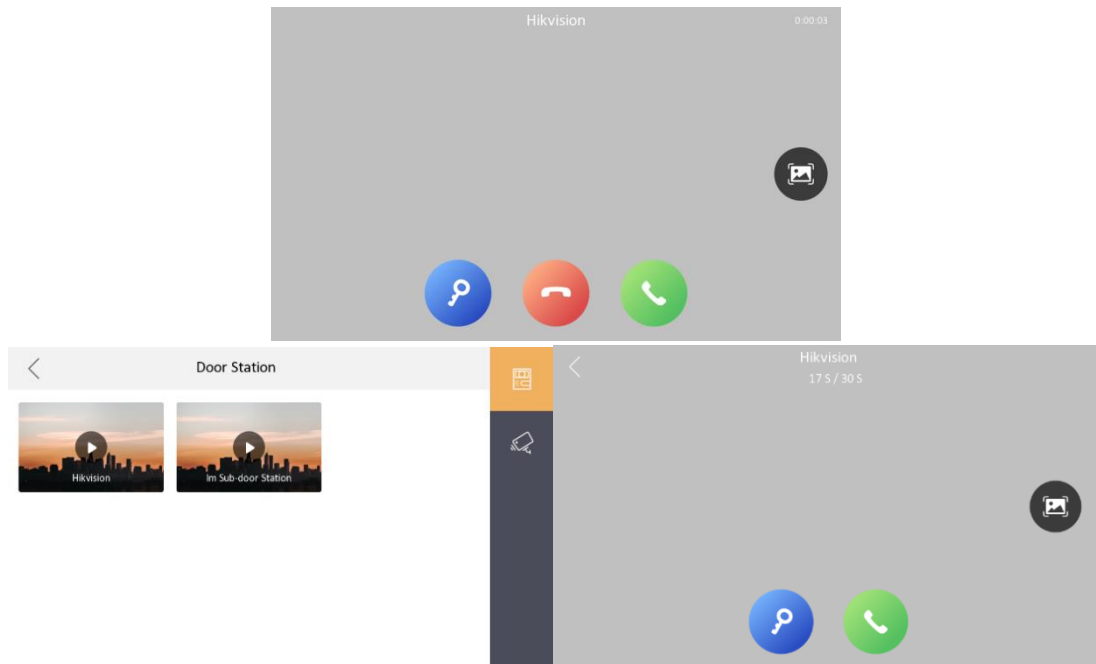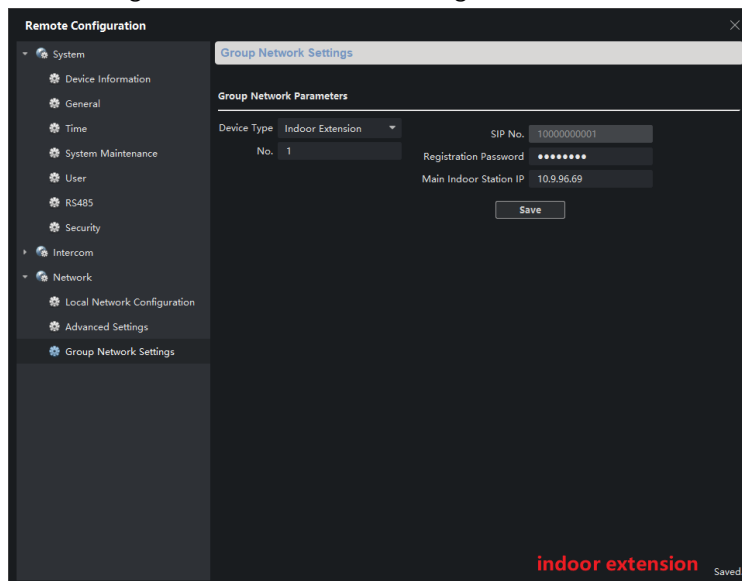
5. The local interface community number, building number, and unit number of the indoor station will be stored in the advance column instead of being displayed directly
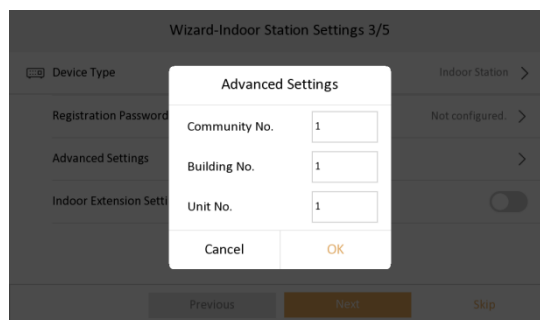
6. The method of adding indoor extensions is changed to the same method as protocol 1.0

2nd Gen Indoor Station
V2.1.10_build201208 Release Note
(2020-12-28)

Device Model	DS-KH8350-WTE1、DS-KH8350-TE1、DS-KH6320-WTE1、DS-KH6320-WTE2、DS-KH6320-WTE2(B)、DS-KH6320-TE1、DS-KH8520-WTE1
Firmware Version	Indoor Station: v2.1.10_build201208

Fix

(1) Solve the problem that the door station calls the indoor station, the indoor station refuses to answer, and the HC does not hang up

(2) Solve the problem that the local SADP of the indoor station cannot search for the MinMoe device when docking with the latest version of Minmoe

(3) Solve the problem that when the indoor station is added to the MinMoe device, MinMoe device will restart

(4) Solve the problem that when the activation password of the indoor station contains a capital M, the door station can only call through the main indoor station, but not to the indoor extension

2nd Gen Indoor Station
V2.1.10_build201207 Release Note
(2020-12-27)

Device Model	DS-KH8350-WTE1、DS-KH8350-TE1、DS-KH6320-WTE1、DS-KH6320-WTE2、DS-KH6320-WTE2(B)、DS-KH6320-TE1、DS-KH8520-WTE1
Firmware Version	Indoor Station: v2.1.10_build201207

Fix some bugs

2nd Gen Indoor Station
V2.1.10_build200713 Release Note
(2020-07-27)

| Device Model	DS-KH8350-WTE1、DS-KH8350-TE1、DS-KH6320-WTE1、DS-KH6320-WTE2、DS-KH6320-WTE2(B)、DS-KH6320-TE1、DS-KH8520-WTE1
Firmware Version	Indoor Station: v2.1.10_build200713
iVMS-4200 Version	V3.3.1.4 build 20200806
Hik-Connect APP	4.6.2.0724

New Function

1. Higher security, SIP Passwords (Register Passwords)

SIP password is actually Register Password, which is suitable for our security 2.0 protocol. They can communicate normally only when the **SIP passwords (Register passwords)** of the door station, indoor station and indoor extension are the **same**.
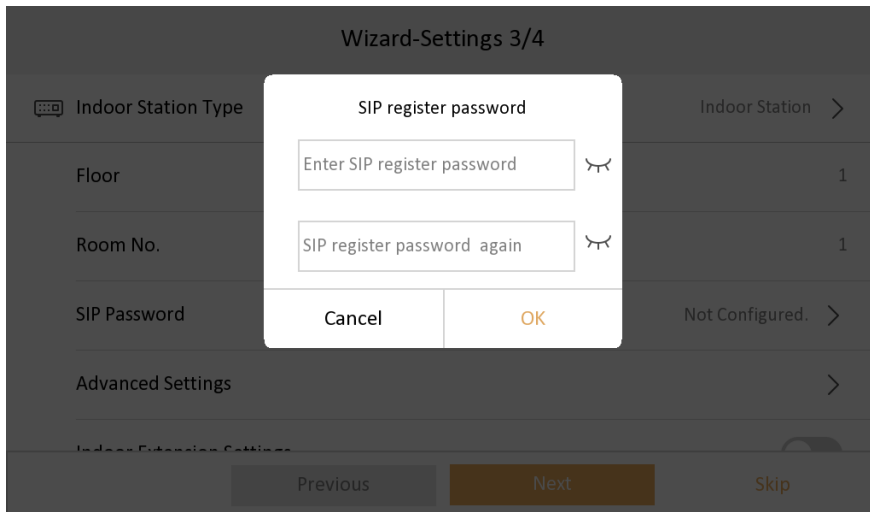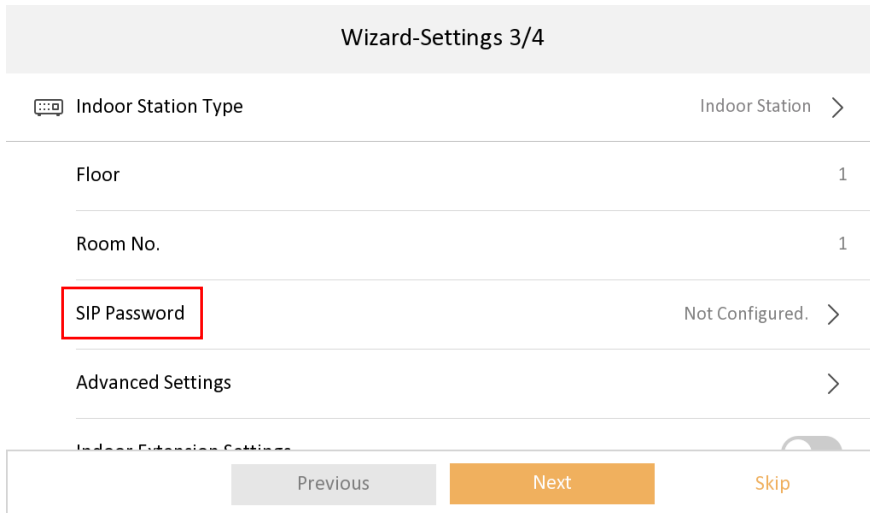
2. Support three date formats, two clock format configuration (Time format only allows local modification)

      1) Support three formats in Settings->General Settings->Time and Date interface, set year-month-day, day-month-year, month- day - year

Time and Date	
Date Format	YYYY-MM-DD >
	YYYY-MM-DD ✓
Time Format	
	DD-MM-YYYY
Time	
	MM-DD-YYYY
Sync Time	
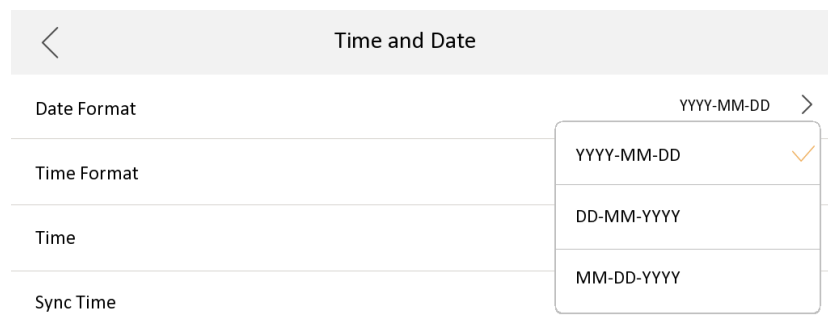
      2) Support the Settings->General Settings->Time and Date interface, set the 12-hour system, 24-hour system two formats, and the default setting is 24-hour system display.

Time and Date	
Date Format	YYYY-MM-DD >
Time Format	24-Hour Time >
	24-Hour Time ✓
Time	
	12-Hour Time
Sync Time	
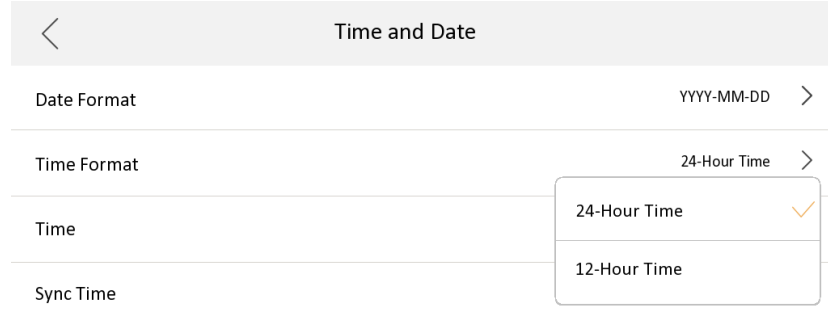
3. Multi-language added to 12 countries: English, French, Portuguese (Brazil), Spanish, Russian, German, Italian, Polish, Arabic, Turkish, Vietnamese, Ukrainian.

4. The indoor station supports remote scene switching through Hik-Connect, including four modes: Stay, Away, Sleeping and Custom.
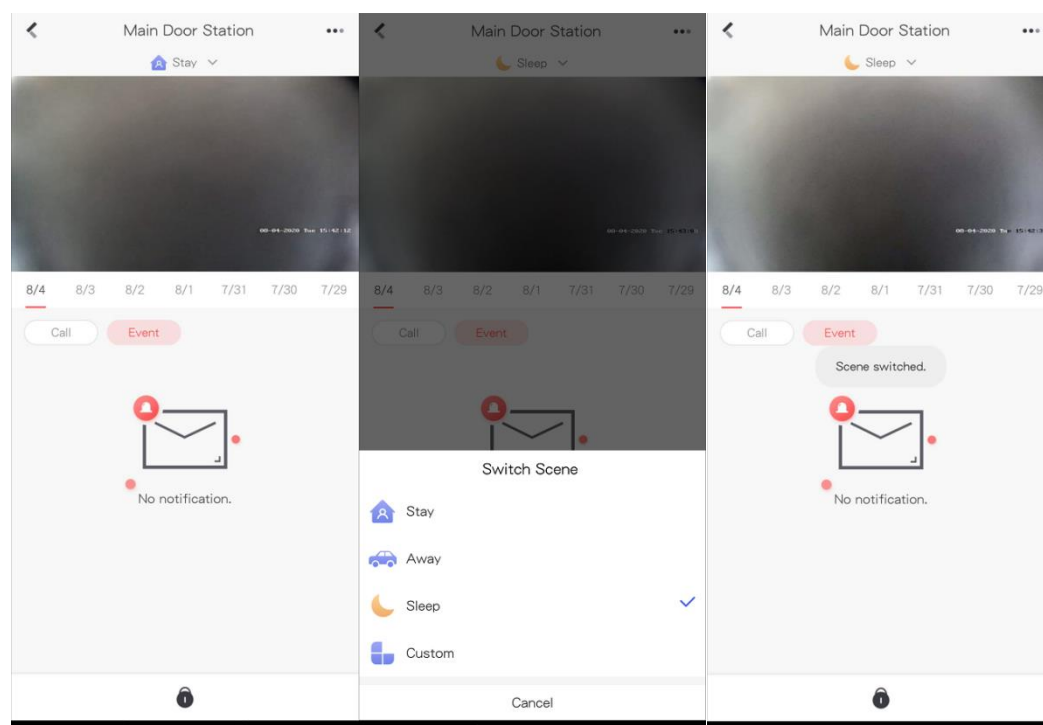
When the indoor station is not currently configured with the arm/disarm password, the Hik-Connect switching scene will fail, and indoor station will send an error code to Hik-Connect App
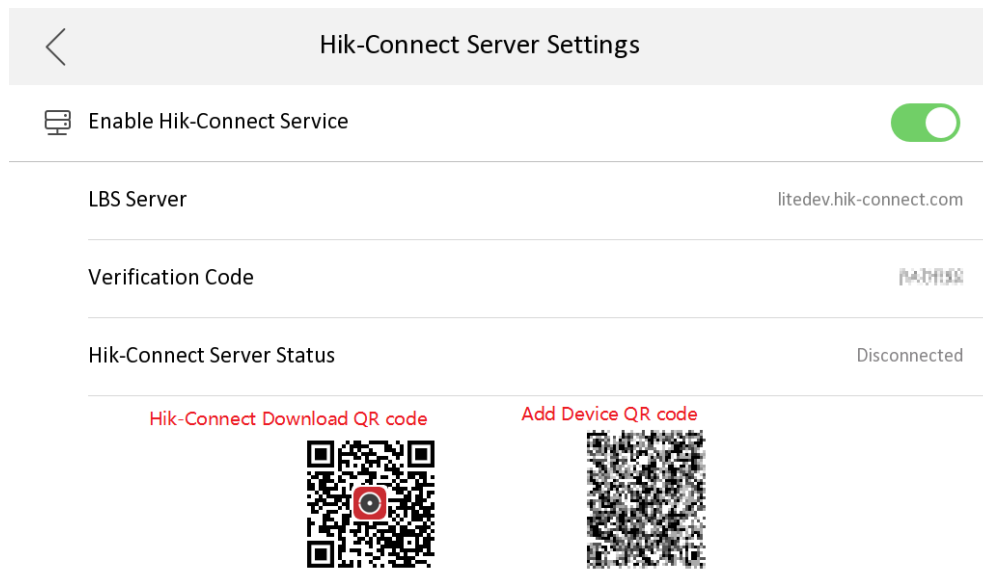
5. Support whether to enable the call management center function, it is disabled by default

6. Support whether to enable the leave message function, it is disabled by default

　　　1) In the Settings->More->Preference->Shortcut Settings interface

Shortcut Settings	
Call Elevator	◯
Alarm	◯
Call Management Center	◯
Leave Message	◯
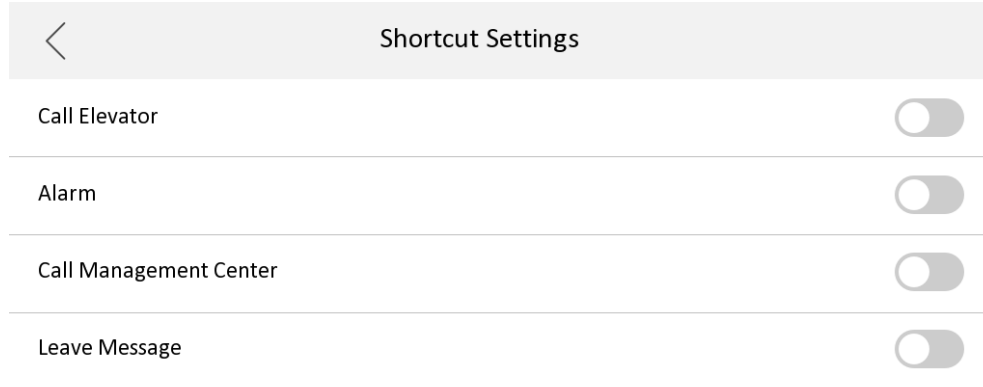
7. Add the QR code of Hik-Connect App download address to the indoor station Hik-Connect configuration interface

Hik-Connect Server Settings	
Enable Hik-Connect Service	●
LBS Server	litedev.hik-connect.com
Verification Code	
Hik-Connect Server Status	Disconnected

Hik-Connect Download QR code　　Add Device QR code

Indoor Station local UI, SADP tool, Hik-connect support fluorite account unbinding

System Maintenance	
Restore Default Settings	
Restore All	
Upgrade	
Unbound EZVIZ Account	
Wizard	
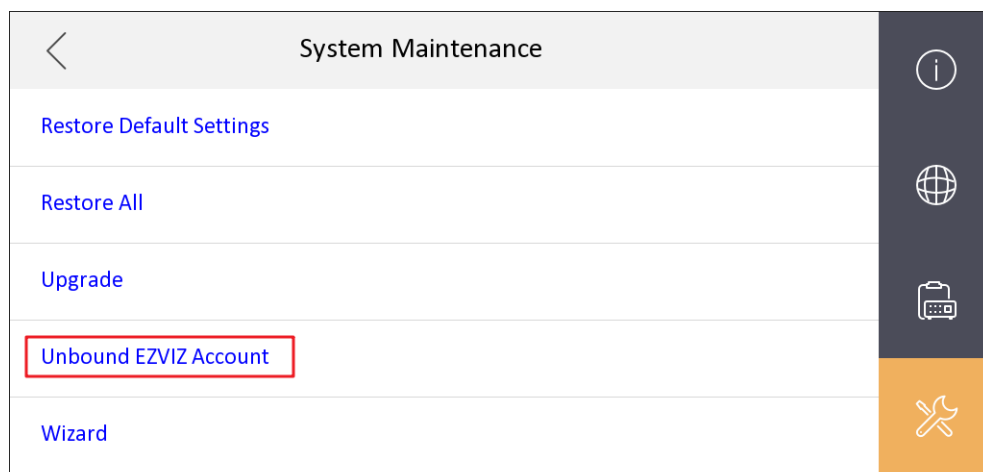
Hikvision Video Intercom v2.0 Protocol

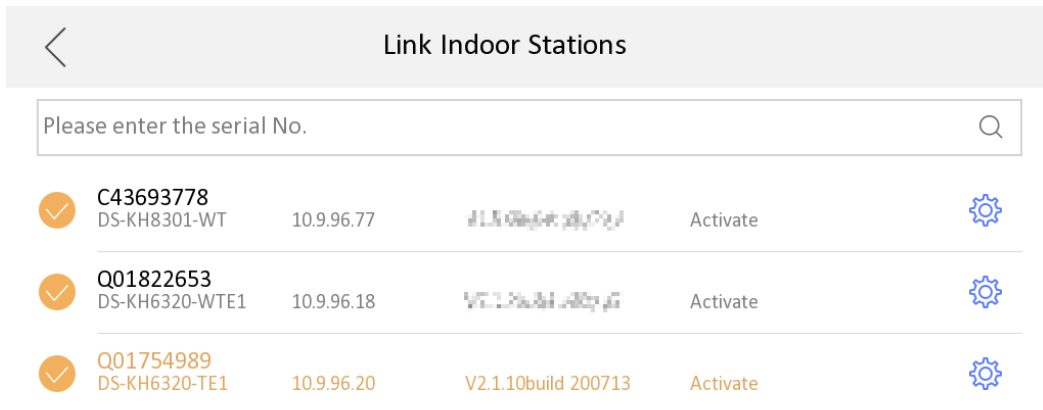The communication protocol between Hikvision devices uses a secure private call protocol, and the communication with 3rd party devices uses standard SIP;

1) Support setting period number, building number, unit number, and room number on the indoor station;

Wizard-Settings 3/4		
Indoor Station Type		Indoor Station >
Room No.	Advanced Settings	1
SIP Password	1 Community	Configured >
Advanced Settings	1 Building Number	>
Indoor Extension Setti	1 Unit Number	
	Cancel OK	
Previous	Next	Skip
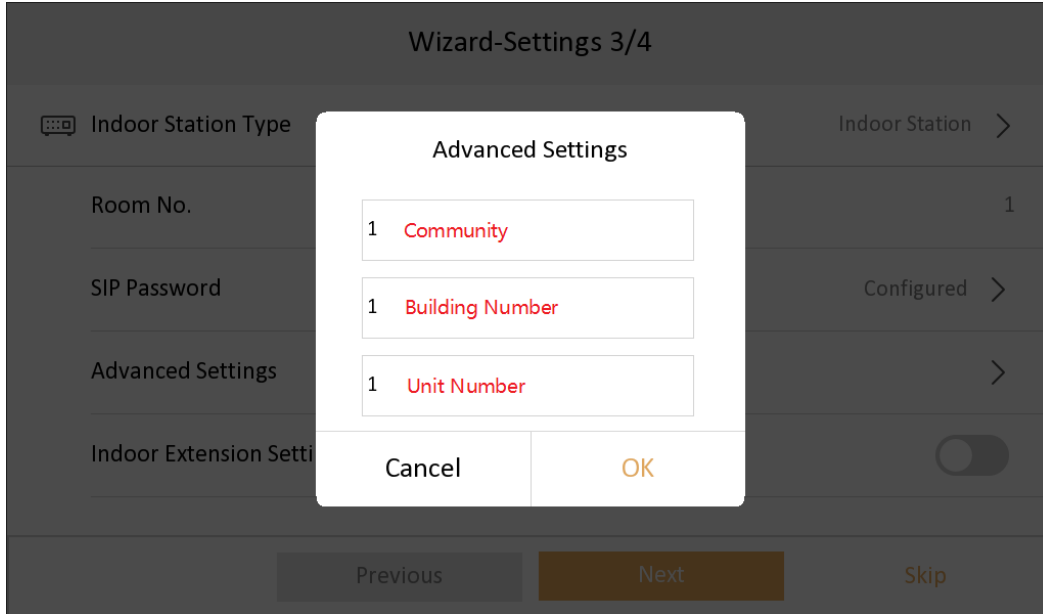
2) Support remote configuration of indoor extension information through the main indoor station;

Link Indoor Stations					
Please enter the serial No.					🔍
C43693778 DS-KH8301-WT	10.9.96.77		Activate		⚙
Q01822653 DS-KH6320-WTE1	10.9.96.18		Activate		⚙
Q01754989 DS-KH6320-TE1	10.9.96.20	V2.1.10build 200713	Activate		⚙

3) Standard SIP and private SIP integration:

   a) The indoor station does not need to switch to SIP mode;

   b) The standard SIP of the indoor station is disabled by default, if you want to connect to a third-party standard SIP device, you need to turn on this function.

SIP Settings	
Enable Standard SIP	⬤
VOIP Account Setting	>
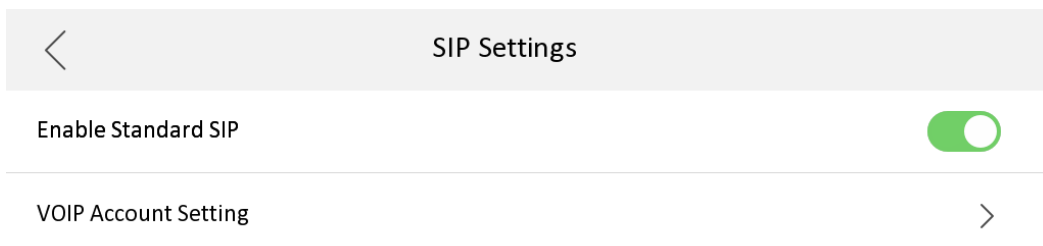
c) A standard SIP registration status icon is added to the main interface, which can be displayed/hidden according to whether standard SIP is enabled;

d) Added a VoIP call button in the call interface to distinguish standard SIP calls
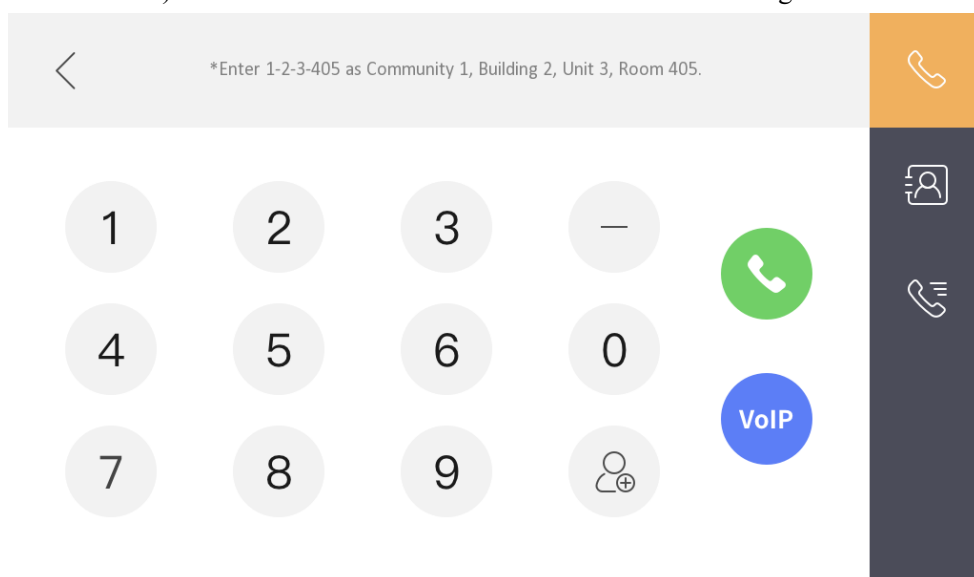
4) Supports two audio formats, G.711U and G.711A. (And G.711U priority is greater than G.711A)

NOTE：

1. At present, the indoor station can support customization requirements of more than 5 extensions;

2. The description of ONVIF in the local UI of the indoor station is uniformly changed to open network video interface.

3. The main indoor station and indoor extension must use the same firmware version. And starting from this firmware version, the 1st generation video intercom indoor station will not be compatible as a main indoor station or indoor extension to connect this 2nd generation firmware version system.